

CURRICULUM VITAE

Name: Robert M. Friedman, M.D.

Licensure: California Certificate #69268

Education: 1954 - A.B., with honors, Cornell University
1958 - M.D., New York University College of Medicine

Board Certification: 1965 - Diplomate, American Board of Pathology
Fellow, College of American Pathologists (FCAP)

Brief Chronology of Employment:

1958-1959 - Rotating Intern, The Mount Sinai Hospital, New York
1959-1961 - SA Surgeon, USPHS, Div. of Biologic Standards, NIH
1961-1963 - Resident in Pathologic Anatomy, NCI
1963-1964 - Visiting Scientist, Virology & Bacteriology Laboratory National Inst. for Medical Research, Mill Hill, London with Dr. Alec Isaacs
1965-1970 - Medical Officer, Laboratory of Pathology, NCI, NIH
1965-1983 - Faculty, the Foundation for Advanced Education in the Sciences, Inc., Bethesda, MD Teaching courses in immunology, pathology, and virology
1969-1973 - Head, Viral Oncology and Molecular Pathology Section, Laboratory of Pathology, NCI, NIH, Bethesda, MD
1971-1973 - Visiting Scientist, Biochemistry Department, National Institute for Medical Research, Mill Hill, London
1973-1982 - Medical Director, USPHS
1973-1981 - Head, Section on Chemical Pathology, Laboratory of Experimental Pathology, NIAMDD, NIH, Bethesda, Md.
1976-1981 - Chief, Laboratory of Experimental Pathology, NIAMDD, NIH, Bethesda, MD
1981 - Visiting Scientist, Department of Biological Sciences, University of Warwick, Coventry, England
1981-pres - Chairman, Department of Pathology, Uniformed Services University of the Health Sciences, Bethesda, Md.

Societies: Phi Beta Kappa
Alpha Omega Alpha
Phi Kappa Phi
American Association of Immunologists
American Society for Microbiology
American Society for Experimental Pathology
American Association of University Pathologists (Pluto Club)

Honors, Other Special Scientific Recognition, and Public Service:

1950 - New York State Scholarship Cornell University Scholarship
1955 - New York State Medical Scholarship
1966 - Representative, Joint Japan-American Conference on Tuberculosis
1969 - Representative, Joint Japan-American Conference on Interferon
1970 - pres. - Contract Review Officer for NIH and Contract Consultant Officer
1970 - 1986 - Editorial Board, Journal of Virology
1970 - Elected to American Association of University Pathologists
1971 - McLaughlin Lecturer, The University of Texas Medical Branch, Galveston, Texas
1973, 1988, 1991 - Member, Program Committee, American Society of Experimental Pathology
1973 - Member, Public Information Committee, Federation of American Societies for Experimental Biology
1973 - 1976 - Member, Infectious Disease Committee, National Institute of Allergy & Infectious Disease
1974 - 1980 - Contract Officer, National Cancer Institute
1975 - 1982 - Consultant, Antiviral Substances Program, NIAID
1978 - 1981 - Editorial Board, Virology
1979 - 1983 - Editorial Board, Archives of Virology
1980 - 1984 - Editorial Board, Infection & Immunity
1984 - 1990 - Editorial Board, Journal of Immunology
1981 - One of 1,000 most-cited scientists 1965-1978. Current Contents. Oct. 12, 1981
1983 - 1992 - Editor-in-Chief, Journal of Experimental Pathology
1989 - Consultant, Assistant Secretary of Defense, Health Affairs
1992 - Adjunct Professor of Pathology, Georgetown University
1992 - Mellanby Memorial Lecturer, Central Drug Research Institute, Lucknow, India, February 17, 1992
1993 - Visiting Professor, Department of Cancer Biology, Cleveland Clinic Foundation
1993 - Alumni Leadership Award, NYU School of Medicine
1994 - Member, Board of Governors, NYU School of Medicine Alumni
1994-5 - Secretary, International Society for Interferon & Cytokine Research (ISICR)
1996-2006. Member, Scientific Advisory Board, Armed forces Institute of Pathology
1996 - Member, Academy of Medicine of Washington, DC
1996-97 - President, ISICR
2003 - Elected Honorary Member, ISICR

I have also served from time to time as a visiting lecturer at several universities and research institutes, and as a book reviewer or ad hoc editorial consultant for several professional journals.

Research Interests: pathology, virology, immunology, & oncology.

Research Grants: My work has been well-supported in the past by grants from the NIH, The Kroc Foundation, The American Society for AIDS Research, and the U.S. Army Medical Research and Development Command. At present, I am working as principal investigator under the following grants: National Foundation for Cancer Research - \$80,000, and NIH grant CA 37351-11 \$130,000. Both deal with regulation of oncogene expression.

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2. Kirschstein, R., Borman, C., Baron, S., Friedman, R.M., Murray, R., and Hottle, G.: Laboratory investigations of the attenuated polio-virus vaccine strains. I. Neurovirulence after intramuscular inoculation of monkeys, *Live Poliovirus Vaccines*, Second International Conference of the Pan American Health Org. 50:90, 1960.
3. Baron, S., Friedman, R.M., Kirschstein, R., Borman, G., Murray, R., and Hottle, G.: Laboratory investigations of the attenuated polio-virus vaccine strains. II. Tissue culture characteristics before and after gastrointestinal passage, *Live Poliovirus Vaccines*, Second International Conference of the Pan American Health Org. 50:124, 1960.
4. Friedman, R.M., Buckler, C., and Baron, S.: The effect of amino-methylpteroylglutamic acid on the development of skin hypersensitivity and on antibody production in guinea pigs. *J. Exp. Med.* 114:173, 1961.
5. Friedman, R.M., and Baron S.: The role of antibody in recovery from infection with vaccinia virus. *J. Immun.* 87:379, 1961.
6. Hiatt, C.W., Gerber, P., and Friedman, R.M.: Photodynamic inactivation of the vacuolating virus, SV40. *Proc. Soc. Exp. Biol. Med.* 109:230, 1962.
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8. Friedman, R.M., Baron, S., Buckler, C., and Steinmuller, R.: The role of antibody delayed hypersensitivity and interferon production in recovery of guinea pigs from primary infection with vaccinia virus. *J. Exp. Med.* 116:347, 1962.
9. Friedman, R.M., Kirschstein, R., Borman, G., and Robbins, F.: Characteristics of Sabin type I poliovirus after gastrointestinal passage in newborn infants. I. Monkey neurovirulence and temperature marker findings. *Am. J. Hyg.* 76:137, 1962.
10. Friedman, R.M., Rabson, A.S., and Kirkham, W.: Variation in interferon production by polyoma virus strains differing oncogenicity. *Proc. Soc. Exp. Biol. Med.* 112:347, 1963.
11. Baron, S., Friedman, R.M., and Buckler, C.E.: Characterization of monkey CNS factor which inhibits poliovirus growth. *Proc. Soc. Exp. Biol. Med.* 113:107, 1963.
12. Friedman, R.M., Holtz, A.I., Baron, S., Silbergold, S., and Buckler, C.E.: Studies on rapid immunization with mumps vaccine. *Am. J. Hyg.* 78: 269, 1963.
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17. Friedman, R.M., and Steigbiegel, N.: Histiocytic medullary reticulosis. *Am. J. Med.* 38:130, 1965.
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19. Friedman, R.M.: Inhibition of established tuberculin hypersensitivity by methotrexate. *Proc. Soc. Exp. Biol. Med.* 116:471, 1964.
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